

*With the Compliments of the  
Medical Officer of Health and School Medical Officer.*



# Annual Report

of the

Medical Officer of Health

and

School Medical Officer,

BOROUGH OF CHESTERFIELD.

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*For the Year ending 31st December, 1923.*

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*By R. P. GARROW, M.D., D.P.H.*

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# Borough of Chesterfield.

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Health Committee, 1923-1924.

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THE MAYOR (COUNCILLOR W. E. WAKERLEY).

**Chairman:**

ALDERMAN W. HAWKSLEY EDMUNDS, O.B.E., J.P.

**Vice-Chairman:**

ALDERMAN T. W. LACK, J.P.

**Members:**

ALD. CROSSLEY,

„ HOLDEN,

„ SIMS,

„ VARLEY,

COUN. ASHMORE,

„ GRAHAM,

„ HARRISON,

COUN. HATTON,

„ KNIGHT,

„ MANSELL,

„ McCREA,

„ PHILPOTT,

„ WICKS.

# Borough of Chesterfield.

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Maternity and Child Welfare Committee,  
1923-1924.

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THE MAYOR (COUNCILLOR W. E. WAKERLEY).

## Chairman:

ALDERMAN W. HAWKSLEY EDMUNDS, O.B.E., J.P.

## Vice-Chairman:

ALDERMAN T. W. LACK, J.P.

## Members:

ALD. CROSSLEY,	COUN. MANSELL,
„ HOLDEN,	„ MCCREA,
„ SIMS,	„ PHILPOTT,
„ VARLEY,	„ WICKS.
COUN. ASHMORE,	MRS. HALL,
„ GRAHAM,	„ HARRISON,
„ HARRISON,	„ H. P. SHORT,
„ HATTON,	„ VARLEY,
„ KNIGHT,	MR. T. ALLSOP.

## VOLUNTARY WORKERS AT THE CLINICS.

---

- Mrs. BARKER, 41, Sterland Street, Chesterfield.
- Mrs. CALWAY, Manor House, Brimington, nr. Chesterfield.
- Miss CROSSLEY, Hartington House, Gladstone Road, Chesterfield.
- Mrs. DUNKLEY, 41, High Street, New Whittington, Chesterfield.
- Mrs. W. H. EDMUNDS, Scarsdale House, Chesterfield.
- Mrs. EVANS, West Bank, Clarence Road, Chesterfield.
- Mrs. FROST, Infirmary Road, Chesterfield.
- Mrs. GRATTON, 42, Newbold Road, Chesterfield.
- Mrs. HODGKINSON, 109, Wellington Street, New Whittington, Chesterfield.
- Mrs. HILL, 74, Wellington Street, New Whittington, Chesterfield.
- Mrs. MAYCOCK, 43, Sterland Street, Chesterfield.
- Mrs. O'FERRELL, The Vicarage, Chesterfield.
- Mrs. ROBINSON, Field House, Chesterfield.
- Miss F. ROBINSON, Field House, Chesterfield.
- Miss SHORT, 9, Church Lane, Chesterfield.
- Mrs. SHORT, Linden Avenue, Chesterfield.
- Mrs. STATON, Ingledene, Brookside, Chesterfield.
- Mrs. STEWART, Wellington St., New Whittington, Chesterfield.
- Mrs. SWALLOW, Oakfield Avenue, Chesterfield.
- Mrs. TUCKER, The Cedars, Newbold Road, Chesterfield.
- Miss WALKER, Woodside, Chesterfield.
- Mrs. WHARTON, Hady Hill, Chesterfield.
- Miss WILLOUGHBY, The Settlement, Chesterfield.
- Miss SANDERS, Somersall Hall, Chesterfield.

**To the Mayor, Aldermen and Councillors of the  
Borough of Chesterfield.**

GENTLEMEN, -

I have the honour to submit my annual report on the health of the Borough of Chesterfield for the year ending December 31st, 1923. The vital statistics are not so favourable as in 1922. The birth-rate is still falling, and the death-rate is slightly up (12.28 compared with 11.1). The infant mortality is 92, as against 73 in the previous year. There were nine maternal deaths in childbirth compared with four in 1922, and measles claimed sixteen lives as against one in the previous year.

Dr. Helen Hodge resigned from the position of Assistant Medical Officer of Health in August, and the vacancy was filled by the appointment of Dr. Griselda A. Dow in September.

The District Nursing Association has been amalgamating with the Borough Welfare Committee, and the four District Nurses work under the general supervision of the Medical Officer of Health. Miss M. L. Harford was appointed Secretary of the Borough Welfare Committee on the resignation of Miss Hayes to take up an appointment in London.

From the health point of view, what Chesterfield stands most urgently in need of to-day is MORE HOUSING ACCOMMODATION. The present rate of supply of new houses is inadequate and the overcrowding appears to be as great to-day as it was three years ago.

The staff of the Health Department acknowledges with sincere thanks the help and co-operation of members of the Corporation, officials of other departments, the voluntary workers at the Clinics, the Borough Welfare Committee, and other social organisations.

I have the honour to be,

Mr. Mayor and Gentlemen,

Your obedient servant,

R. P. GARROW.

## 1. GENERAL STATISTICS.

Area (acres)—8,484.

Population (1923)—63,740.

Number of inhabited houses (1921)—12,838.

Number of families or separate occupiers (1921)—  
13,210.

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2. EXTRACTS FROM VITAL STATISTICS OF  
THE YEAR.

		Total.	M.	F.	
Births	Legitimate	1384	702	682	} Birth Rate 22.65
	Illegitimate	60	34	26	
Deaths	... ..	783	407	376	} Death Rate 12.28

Number of women dying in, or in consequence of, child-  
birth—

From sepsis ... .. 4

From other causes ... .. 5

Deaths of Infants under one year of age per 1,000  
births :—Legitimate, 92.4; Illegitimate, 100;  
total ... .. 92.8

Deaths from Measles (all ages) ... .. 16

„ „ Whooping Cough (all ages) ... 6

„ „ Diarrhœa (under 2 years of age)... 8



## 3. NOTIFIABLE DISEASES DURING THE YEAR.

<i>Diseases.</i>	<i>Total Cases Notified.</i>	<i>Cases admitted to Hospital</i>	<i>Total Deaths.</i>
Diphtheria ... ..	58	42	—
Scarlet Fever ... ..	76	52	—
Enteric Fever (including paratyphoid) ... ..	9	8	2
Puerperal Fever ... ..	2	—	4
Pneumonia ... ..	90	—	68
Measles ... ..	1196	15	16
Enteritis ... ..	6	—	8
Erysipelas ... ..	10	—	—
Ophthalmia Neonatorum	4	—	—
Encephalitis Lethargica	1	1	—
Smallpox ... ..	32	32	—
Chickenpox ... ..	33	—	—
Tuberculosis :—			
(a) Pulmonary { M.	45	28	27
{ F.	50	13	29
{ Total	95	41	56
(b) Non- { M.	10	3	5
pulmonary { F.	6	—	6
{ Total	16	3	11

## TUBERCULOSIS.

AGE PERIODS.	NEW CASES.				DEATHS.			
	<i>Pulmonary.</i>		<i>Non-Pulmonary</i>		<i>Pulmonary.</i>		<i>Non-Pulmonary</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
0	—	—	—	1	—	—	2	—
1	1	—	1	1	—	1	1	1
5	1	3	2	1	—	1	2	1
10	1	2	2	—	—	4	—	1
15	6	10	3	—	2	5	—	1
20	5	5	—	—	2	5	—	—
25	10	18	—	1	4	2	—	—
35	9	3	2	—	8	3	—	—
45	5	4	—	1	7	4	—	—
55	3	3	—	1	3	2	—	1
65 & upw'ds	4	2	—	—	1	2	—	1
Totals...	45	50	10	6	27	29	5	6

	CASES.			Vision Unim- paired.	Vision impaired	Total Blind- ness.	Deaths.
	Notified.	Treated.					
		At Home.	In Hospital				
Ophthalmia Neonatorum	4	4	—	4	—	—	—

#### 4. CAUSES OF SICKNESS.

I referred in my last Annual Report to the prevalence in the adjoining districts in Derbyshire of a mild form of smallpox. It was almost inevitable that this disease should ultimately find its way into the Borough of Chesterfield, and this happened on the first week of October, 1923. The infection was introduced by a child from the Doncaster Rural District visiting relatives in Chesterfield. This child infected seven unvaccinated members of a household of ten persons. The disease was so mild that medical advice was sought late in the illness, and in the meantime the disease had spread to other families. Up to December 31st there had occurred 32 cases in all, but the disease has continued to spread in 1924 to every part of the Borough. This extension is entirely owing to the fact that many people exposed to the infection do not avail themselves of the protective influence of vaccination. Hospital isolation alone cannot control this disease. The average case starts with a mild influenzal illness lasting two or three days. This may be followed by a period of complete recovery from all symptoms during which the patient is up and about. He may even return to school or business before the appearance of the eruption, which may not attract notice until a week after the initial illness. Even after the spots have appeared the patient may not seek medical advice, but take some tonic under the belief that his "blood is out of order." During all this period of a week or more the patient is in an infectious state and communicates the disease to unvaccinated contacts before his illness is diagnosed as smallpox. It will be seen then that the damage is done before the patient is removed to hospital, and so the disease continues to spread throughout the community. There is only one means of controlling it. This means is THE GENERAL VACCINATION OF THE ENTIRE COMMUNITY. The statistics of the present outbreak in Chesterfield furnish conclusive proof of the efficacy of vaccination in preventing this disease. It is for the community to choose between vaccination and the continued prevalence of this disease.

The disease continues to breed true to its mild type and has not, up to date, been the cause of death. It has,

however, been the cause of heavy expenditure which might have been avoided by vaccination.

### **A Localised Outbreak of Enteric Fever.**

A small outbreak of enteric (typhoid) fever occurred in Warwick Street, Derby Road. The outbreak was confined to three families, all related to each other, one of which furnished ten of the total fourteen cases.

The evidence points to the mother of this family having been infected with the typhoid germ from eating shell fish away from Chesterfield. She was ill for about six or seven weeks before taking to her bed, and calling in the doctor, who immediately recognised the nature of the illness, and had the patient removed to Penmore Hospital. In the meantime, however, the infection had been conveyed to other members of the family of ten children, nine of whom developed the disease and were admitted to Hospital. The infection was of an exceedingly virulent type, and the mother and one daughter, aged 14, succumbed to the disease.

Two related families had one and three cases respectively. All the cases of this outbreak, therefore, can be explained by direct personal contact.

It is a very fortunate circumstance that the privy middens in Warwick Street and its surroundings had all been converted to water closets previous to this introduction of typhoid infection into the locality. But for this, the virulent infection might well have spread and caused a much more serious epidemic.

## 5. SUMMARY OF NURSING ARRANGEMENTS, HOSPITALS, AND OTHER INSTITUTIONS AVAILABLE FOR THE DISTRICT.

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### (a) General.

During 1923 the Chesterfield District Nursing Association was amalgamated with the Borough Welfare Committee and its work is carried out under the general supervision of the Medical Officer of Health. There are four District Nurses, each working in her own area of the Borough and responsible to the Nursing Sub-Committee of the Borough Welfare Committee.

### (b) Infectious Diseases.

Measles and other infectious diseases, including ophthalmia, are nursed by the same Nursing Service, which is subsidised by the Local Authority to the extent of £255 per annum.

### Midwives.

There are twenty-three practising midwives in the Borough of Chesterfield, none of whom is employed or subsidised by the Local Authority. One of these practising midwives is, however, recognised by the Central Midwives Board for the part training in the district of pupil midwives at the Chesterfield Municipal Maternity Home.

## Clinics and Treatment Centres.

<i>Name and situation of Clinic.</i>	<i>Open on :</i>	<i>Provided by :</i>
(1) <b>Child Welfare Clinic</b> at—		
(a) Maternity Home...	Mon., Tues. & Wed. afternoons ...	Chesterf'd Cor. (M. & C.W. Com.).
(b) Whittington Moor	Monday afternoon...	do.
(c) New Whittington	Tuesday afternoon	do.
(2) <b>Ante-Natal Clinic</b> at Maternity Home...	Thursday afternoon	do.
(3) <b>School Clinic</b> at 59, Saltergate—		
(a) Minor Ailment Treatment ...	Daily forenoons ...	Chesterfield (Ed. Com.)
(b) Medical Inspection and Consultation	Monday forenoon & Friday afternoon	do.
(c) Ophthalmic ...	Thursday afternoon	do.
(d) Dental ...	Daily forenoons ex- cept Monday ...	do.
(4) <b>Tuberculosis</b> at Brimington Road	Fridays from 10.30 a.m. to 12.30 p.m. and 2 p.m. to 5 p.m.	County Council of Derbyshire.
(5) <b>Venereal Diseases</b> at Chesterfield and North Derbyshire Royal Hospital ...	MALES— Tuesdays, 4.30 to 6.30 p.m. Fridays, 2.30 to 4.30 p.m. FEMALES— Tuesdays, 2 to 4 p.m. Fridays, 11 a.m. to 12.30 p.m.	do.



**Hospitals Provided or Subsidised by the Local  
Authority or by the County Council.**

<i>Name.</i>	<i>No. of Beds.</i>	<i>Provided by</i>
<b>(1) Tuberculosis—</b>		
(a) Walton Sanatorium ...	124	Derbyshire Cty. C'l.
(b) Penmore Tuberculosis Pavilion ...	18	do.
(2) Maternity Home ...	18	Corp. of Chesterfield
(3) Infants' Hospital ... (Adjoining the C. and N.D. Royal Hospital.)	14	do.
<b>(4) Fever—</b>		
Penmore Isolation Hosp.	58	Chesterfield Joint Hospital Com.
<b>(5) Smallpox—</b>		
(a) Spital Smallpox Hospital	20	North Derbyshire Hospital Com.
(b) Morton Hospital ...	60	do.
<b>(6) General Medical &amp; Surgical—</b>		
Chesterfield and North Derbyshire Royal Hosp.	150	Governors of Ches- terfield and North Derbyshire Royal Hospital.
<b>(7) Poor Law—</b>		
Union Infirmary ...	205	Guardians.

### Ambulance Facilities.

(a) For Infectious Cases—

- (1) Motor ambulance at Penmore Hospital for fever cases.
- (2) Motor ambulance at Spital Hospital for small-pox cases.

(b) For Non-Infectious Cases—

- (1) Borough ambulance controlled by the Watch Committee of the Corporation.
- (2) Ambulances owned and run by collieries, iron-works, etc., in the district.

**Maternity Home and Infants' Hospital.**  
**Staff.**

- |      |  |  |
|------|--|--|
| (1)  | The Medical Superintendent             | is the MEDICAL OFFICER OF HEALTH.  |
| (2)  | The Resident Medical Officer           | is the ASSISTANT MEDICAL OFFICER OF HEALTH.  |
| (3)  | The Obstetric Surgeon                  | W. TONKS, M.B., F.R.C.S.,<br>Surgeon, Chesterfield &<br>N'th Derbyshire Royal<br>Hospital. |
| (4)  | Matron                 ...         ... | Miss ADA HOPWOOD,<br>R.R.C.  |
| (5)  | Assistant Matron ...                   | Miss J. M. MCGUFFOG.   |
| (6)  | Sister in Charge of<br>Infants' Wards  | Miss G. M. BATTESON.   |
| (7)  | Staff Nurse ...         ...            | Miss A. GAFFNEY.   |
| (8)  | Pupil Midwife         ...              | Miss M. HACKING.   |
| (9)  | "                 "         ...        | Miss E. STREET.  |
| (10) | "                 "         ...        | Miss P. A. POLDEN.   |
| (11) | "                 "         ...        | Miss N. L. WOODHAM.  |
| (12) | "                 "         ...        | Miss B. SCHOFIELD.   |
| (13) | Probationer (Infants)                  | Miss V. KIRK.  |
| (14) | "                 "                    | Miss P. ROOK.  |
| (15) | "                 "                    | Miss I. R. JAMES.  |



### Summary of Work.

#### Maternity Home.

No. of cases admitted since opening	...	...	183
„ cases admitted during 1923	...	...	147
„ babies born (live births)	...	...	109
„ babies born (still births)	...	...	19
„ mothers discharged	...	...	134
„ mothers died	...	...	5
„ infants died	...	...	5
„ cases remaining in the Home on Dec. 31st, 1923 :—			
Mothers	...	...	13
Infants	...	...	11

#### Infants' Hospital.

No. of cases admitted, since opening to Dec. 31st, 1923	...	...	67
„ „ admitted during 1923	...	...	47
„ „ discharged	...	...	34
„ „ died	...	...	10
„ „ remaining in Hospital on Dec. 31st, 1923	...	...	10

#### Work of the Health Visitors.

First visits to infants	...	...	1,372
Re-visits to infants	...	...	10,211
First visits to expectant mothers	...	...	290
Re-visits to expectant mothers	...	...	38
Sanitary defects reported to Sanitary Inspectors			80

### Baby Welcomes.

	<i>No. of Infants and Children attending.</i>	<i>Total Attendances made.</i>	<i>Average Weekly Attendance.</i>
Maternity Home (North and Central Wards) ...	445	1770	38
Maternity Home (West Ward) ... ..	297	1484	32
Maternity Home (South Ward) ... ..	148	1399	30
Adult School, Whitting- ton Moor ... ..	159	1462	31
Adult School, New Whit- tington ... ..	71	795	17
Totals ...	1120	6910	148

### Infant Consultation Clinic.

1,248 infants and children under five years of age attended the Infant Consultation Clinic during the year.

### Ante-Natal Clinic.

First attendances ... ..	73
Re-attendances ... ..	175
	248

The Ante-Natal Clinic is conducted weekly on Thursday afternoon by Dr. G. A. Dow, at the Centre in the Maternity Home.

## 6. LABORATORY WORK.

Bacteriological and pathological specimens are sent to the County Laboratory, Derby, and reports on these are received by the Medical Officer of Health and general practitioners in the district. The following is a summary of the numbers sent and the results obtained:—

	<i>From Health Department.</i>		<i>From General Practitioners.</i>	
	<i>Positive.</i>	<i>Negative.</i>	<i>Positive.</i>	<i>Negative.</i>
Diphtheria ...	3	40	6	46
Pulmonary Tuberculosis ...	—	5	20	84
Enteric Fever ...	1	2	—	5
Miscellaneous ...	99	96	11	3
Totals ...	103	143	37	138

Issue of Diphtheria Anti-toxin free from Health Department—176,000 units.

### LIST OF ADOPTIVE ACTS, BYE-LAWS & LOCAL REGULATIONS RELATING TO PUBLIC HEALTH, IN FORCE IN THE DISTRICT WITH DATE OF ADOPTION.

Baths and Washes Act adopted ...	1892
Infectious Diseases (Notification Act), 1889, adopted October ...	1890
Infectious Diseases (Prevention Act), 1890, adopted November ...	1890

Public Health Act (Amendment) 1890, adopted March ... ..	1891
Private Streets Works Act, 1892, adopted March	1893
Parts 3, 4, 5, 6, and Sections 15—25, 27—33, Part 2 and 94, 95 of Part 10 of the Public Health Amendment Act, 1907, adopted March ... ..	1910
Notification of Birth Act, 1907, adopted Novem- ber ... ..	1907
Bye-laws with respect to new Streets and Build- ings, adopted April ... ..	1891
Bye-laws with respect to Flushing Water Closets, adopted July ... ..	1894
Bye-laws with respect to Paving of Yards and Open Spaces in connection with Dwelling Houses, adopted July ... ..	1894
Bye-laws with respect to Slaughter-houses, adopted February ... ..	1891
Bye-laws with respect to Nuisances, adopted February ... ..	1891
Bye-laws with respect to Dairies, Cowsheds and Milkshops, adopted December ... ..	1894
Bye-laws with respect to Common Lodging Houses, adopted May ... ..	1905
Bye-laws with respect to Houses Let in Lodg- ings, adopted May ... ..	1905
Bye-laws with respect to Tents, Vans, Sheds & similar Structures, adopted September ...	1917
The Chesterfield Improvement Act, adopted ...	1901
The Chesterfield Corporation Act, adopted ...	1914
Bye-laws with respect to Offensive Trades, adopted June ... ..	1914
The Chesterfield Corporation Act, adopted ...	1923

## 7. SANITARY ADMINISTRATION.

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### Tabular Summary of the Work of the Sanitary Department during the Year.

No. of Complaints investigated ...	...	...	359
„ Houses Inspected ...	...	...	72
„ Nuisances found ...	...	...	515
„ Nuisances abated ...	...	...	510
„ Visits to Infected Houses	...	...	188
„ Houses Disinfected	...	...	249
„ Schoolrooms Disinfected	...	...	3
„ Inspections of Dairies and Cowsheds	...	...	199
„ Manure Receptacles	...	...	20
„ Slaughterhouses and Shops	...	...	1008
„ Common Lodging Houses	...	...	59
„ Factories and Workshops...	...	...	50
„ Inspections of work in progress ...	} 3140		
„ Re-inspections and miscellaneous visits			
„ Drains tested by Smoke or Water	...	...	701
„ Samples of Milk for Bacteriological Examination	...	...	72
„ Samples of Water Analysed	...	...	4
Total number of Conversions carried out	...	...	828

Amount of Diseased and Unsound Food Condemned and  
Destroyed: 6 tons, 12 cwt., 3 qrs., 24 lbs.

**Types and Numbers of the various Sanitary Conveniences in the Borough according to Wards.**

<i>Ward.</i>	<i>Water Closets.</i>	<i>Waste Water Closets.</i>	<i>Privies</i>	<i>Pails.</i>	<i>Middens.</i>	<i>Fixed Dry A'pits.</i>	<i>Portable Dust Bins.</i>
Central ...	1227	68	12	1	6	14	1407
Hasland ...	1033	12	7	—	6	4	1042
Rother ...	1384	26	13	—	8	5	1428
St. Leonard's	947	9	76	—	54	17	1079
Trinity ...	1100	2	2	—	2	5	1254
St. Helen's...	518	34	37	—	30	11	584
West ...	846	55	18	—	11	1	971
Holmebrook	1054	89	—	—	—	—	1193
Moor ...	770	2	494	14	290	66	547
Newbold ...	568	—	125	26	99	37	486
Old Whit- tington	336	—	524	65	248	27	243
New Whit- tington	581	6	232	8	111	27	447
Totals ...	10364	303	1540	114	865	214	10681

**SLAUGHTER-HOUSES.**

There are thirty-five slaughter-houses in the Borough, of which seven are owned by the Corporation. Thirty-one of the slaughter-houses are licensed annually, while four are registered.

**DAIRIES, COWSHEDS AND MILKSHOPS ORDER.**

There are seventy-six Cowkeepers in the Borough, housing 589 cows, and, with a few exceptions, all are retailers. In addition there are forty-one persons, mostly small shopkeepers, registered as retailers of milk.

Places where food is prepared :—

Fish and chip shops ...	...	45
Bakehouses ...	...	22
Tripe boilers ...	...	5
Restaurant kitchens ...	...	5
		—
		77
		—

All have been visited and in no case could fault be found with the condition of the premises.

### FOOD AND DRUGS.

During the year 205 samples of food were obtained and analysed by the Borough Analyst, Mr. G. E. Scott-Smith. Of these 18 or 18.7 per cent. did not comply with the standard of the Board of Agriculture. One hundred and forty-six of the samples were of milk, of which 17 or 11.5 per cent. were below the standard. Five of the samples were deficient in milk fat and 12 in non-fatty solids. One sample of butter contained an excessive amount of water, viz., 18.62 per cent.

Summary of samples submitted during the year to the Public Analyst :—

<i>Nature of Food.</i>	<i>No. of Samples obtained.</i>	<i>No. Genuine.</i>	<i>Not Genuine.</i>	<i>Prosecutions.</i>	<i>Convictions.</i>	<i>Dismissed.</i>	<i>Cautioned</i>
Milk ...	146	129	17	—	—	—	17
Cream ...	2	2	—	—	—	—	—
„ (Preserved)	3	3	—	—	—	—	—
Butter ...	35	35	—	—	—	—	—
Lard ...	6	6	—	—	—	—	—
Pepper ...	2	2	—	—	—	—	—
Coffee ...	4	4	—	—	—	—	—
Cheese ...	4	4	—	—	—	—	—
Ground Rice ...	1	1	—	—	—	—	—
Baking Powder	1	1	—	—	—	—	—
Cocconut ...	1	1	—	—	—	—	—
Totals ...	205	188	17	—	—	—	17

In no case of adulteration was it considered advisable that summary proceedings should be taken.



## PUBLIC HEALTH (MILK & CREAM) REGULATIONS, 1912.

### 1. Milk and Cream not sold as preserved cream.

	<i>No. of Samples examined for the presence of a Preservative. (a)</i>	<i>No. in which a Preservative was reported to be present. (b)</i>
Milk ... ..	146	—
Cream ... ..	5	—
Cream (Preserved)	3	3

During the year 1923 the house refuse removed amounted to 25,862 tons. Of this 10,716 or 41 per cent. was dealt with at the destructor, while 15,146 tons were deposited on tips in the district. The refuse from the privy middens is removed in periods not exceeding two months, and from the portable dust bins the refuse is collected weekly.

An Orwell 2½ ton and two Ford toners have been added during the year to the vehicles used for refuse collection.

## 8. PUBLIC HEALTH STAFF.

### Medical Officer of Health.

\*R. P. Garrow, M.D., D.P.H. (who is also Maternity and Child Welfare Medical Officer, School Medical Officer, Medical Superintendent Penmore Isolation Hospital, Medical Superintendent Maternity Home and Infants' Hospital, and Police Surgeon).

### Assistant Medical Officer.

\*Helen Hodge, M.B., Ch.B., D.P.H. (resigned Aug. 31st, 1923), who was Assistant Maternity and Child Welfare Medical Officer, Assistant School Medical Officer, and Resident Medical Officer Maternity Home and Infants' Hospital.



**Assistant Medical Officer.**

- \*Griselda A. Dow, M.A., B.Sc., M.B., Ch.B., appointed Sept. 1st, 1923, Assistant Maternity and Child Welfare Medical Officer, Assistant School Medical Officer, and Resident Medical Officer Maternity Home and Infants' Hospital.

**Sanitary Inspectors.**

- \*C. E. Wood, C.S.I.  
 \*A. S. Carter, C.S.I., Certif. Meat Insp.  
 \*C. K. Hale, C.S.I., Certif. Meat Insp.  
 \*W. Teasdale, C.S.I.

**Health Visitors.**

- \*Senior—Mrs. J. S. Nicholls, Trained Nurse, C.M.B., Certif. San. Insp., Certif. Queen's Jubilee Inst.  
 \*Mrs. Kate Meakin, Trained Nurse, C.M.B.  
 \*Miss Edith E. Passey, Trained Nurse, C.M.B., Health Visitor's Certif., Certif. San. Insp.  
 \*Miss Rebecca M. Coakill, Trained Nurse, C.M.B.  
 \*Miss Elsie Cutts, Trained Nurse, C.M.B., San. Insp. Certif.

**Clerks.**

Miss Kathleen M. Shaw.  
 Miss M. Sylvester.  
 A. Wood.

**Veterinary Inspector.**

G. Robinson, M.R.C.V.S.

- (\*) Officers whose salary is paid partly by exchequer grants.

**9. HOUSING.**

Number of new houses erected during the year:—

(a) Total	...	...	...	...	...	171
(b) As part of a municipal housing scheme						25

## INSPECTION.

## 1. Unfit Dwelling-houses.

(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ..	467
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	69
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...	6
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation ...	301

## 2. Remedy of Defects without Service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... ..	285
--	-----

## 3. Action under Statutory Powers.

## A. Proceedings under Section 28 of the Housing, Town Planning, etc. Act, 1919.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... ..	19
(2) Number of dwelling-houses which were rendered fit :—	
(a) by owners ... ..	18
(b) by Local Authority in default of owners ... ..	—
(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close ... ..	—

## B. Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ..	30
---	----

(2) Number of dwelling-houses in which defects were remedied :—				
(a) by owners	...	...	...	29
(b) by Local Authority in default of owners	...	...	...	—
C. Proceedings under Sections 17 & 18 of the Housing, Town Planning, etc. Act, 1909.				
(1) Number of representations made with a view to the making of Closing Orders...				1
(2) Number of dwelling-houses in respect of which Closing Orders were made	...			1
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	...	...	...	—
(4) Number of dwelling-houses in respect of which Demolition Orders were made	...			—
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders	...			—

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### ABOLITION OF SLUMS IN LOW PAVEMENT AREA.

In connection with this scheme, 22 new houses have been erected during the year on the St. Augustine's Road Housing Site for re-housing tenants displaced.



# Borough of Chesterfield.

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## EDUCATION COMMITTEE.

1923-24.

---

THE MAYOR (COUNCILLOR W. E. WAKERLEY).

Chairman : ALDERMAN H. CROPPER.

Vice-Chairman : MISS VIOLET MARKHAM.

Members :

ALDERMAN CLAYTON,

„ HOLDEN,

COUNCILLOR BARLOW,

„ HARRISON,

„ MOORE,

„ PHILPOTT,

„ ROBINSON,

„ TWELVES,

„ WICKS,

DR. MCGINNIS,

MR. J. MANSELL,

„ T. TURNBULL.

To the Chairman and Members of the  
Chesterfield Education Committee.

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Mr. Chairman, Miss Markham and Gentlemen,

I have the honour to submit my Annual Report on the School Medical Service in the Borough of Chesterfield for the year ending December 31st, 1923. It is a pleasure to record continued progress in the work accomplished.

As compared with the previous years there is an increase in the number of children inspected and in the numbers of those receiving treatment for minor ailments, defective vision and dental defects.

The most striking, and to my mind the most pleasing feature is the improvement in the cleanliness of the children. The number of examinations made by the two School Nurses was 31,481, as against 30,555 in the preceding year, but the number found unclean was only 4,707 in 1923, as compared with 7,320 in 1922. The nurses are painstaking and tactful in carrying out this work, and have the hearty support and co-operation of the teachers.

The number of children receiving dental treatment in 1923 was 1,967, as compared with 1,143 in the previous year. These figures indicate the increasing number of parents who appreciate the importance of care of their children's teeth. They are also an expression of confidence in the Dental Surgeon, Mr. A. Roydon Littlar.

An important event, from the point of view of School Hygiene in 1923 was the opening of the new semi-permanent school at Jawbones Hill, Derby Road, in September by the Mayor, Alderman George Clark.

The Assistant School Medical Officer, Dr. Helen Hodge, resigned at the end of August, and her post was filled temporarily on September 1st by Dr. Griselda A. Dow, whose appointment was confirmed and made permanent on October 30th.

The number of people with whom the work of the School Medical Service brings the staff into contact is very great — Members of Committee, Secretary, Teachers, Attendance Officers, Voluntary Workers, Parents and others. To all of them I wish to express my sincere thanks for their co-operation and help.

I have the honour to be,

Your obedient Servant,

R. P. GARROW.

# 1. STAFF.

## **School Medical Officer.**

R. P. GARROW, M.D., D.P.H. (who is also Medical Officer of Health, Maternity and Child Welfare Medical Officer, Medical Superintendent Penmore Isolation Hospital, Medical Superintendent Maternity Home and Infants' Hospital, and Police Surgeon).

## **Assistant School Medical Officer.**

HELEN HODGE, M.B., Ch.B., D.P.H. (who is also Assistant Maternity and Child Welfare Medical Officer and Resident Medical Officer, Maternity Home and Infants' Hospital).

## **School Oculist (part time).**

T. E. ASHDOWN CARR, M.B., Ch.B.

## **School Dentist (part time).**

A. ROYDON LITTLAR, L.D.S.

## **School Nurses.**

Mrs. JOHNSON, General Training, C.M.B., State Registered Nurse.

Miss HURLEY, General Training, C.M.B., State Registered Nurse.

In addition two of the five Health Visitors carry out the Cleanliness Inspections in the schools of their respective areas.

## **Clerks.**

Miss K. M. SHAW (who is also clerk in the Health Department),

Miss TATTERSALL,

Miss HUDSON.



## 2. CO-ORDINATION OF THE SCHOOL MEDICAL SERVICE WITH OTHER HEALTH SERVICES.

See report for 1922. There is no new development in 1923.

## 3. SCHOOL HYGIENE.

An important event in 1923 was the opening of the new semi-permanent school at Jawbones Hill, Derby Road, which was built to replace the old school in Derby Road, hygienically one of the worst in the Borough. The new school is well placed on a gently sloping site adjacent to the St. Augustine's Road housing estate of the Corporation. The building is practically an open-air school. The Head Teacher, Mr. Dickens, informs me that it is in every respect admirable and provides ideal conditions for teaching.

There is just one disappointing feature about this school. It is the size of the playground, which measures about 50 yds. by 25 yds. While this space may satisfy the requirements of the Building Regulations of the Board of Education, it does not provide sufficient room for organised exercises, games, sports and recreations. The large field at the back of the school buildings is well adapted for these purposes, and should be included in the school grounds.

These observations apply with even greater force in the case of the new school opened this year (1924) at Old Road, Brampton, which is surrounded with suitable playing fields from which miserably small portions have been included as playgrounds for the children.

I hoped to be able to report fully this year on the hygiene of the elementary school buildings in the Borough, but pressure of work throughout the year has made this impossible.

#### **4. ROUTINE MEDICAL INSPECTION AT THE SCHOOLS.**

The general arrangements for the routine medical inspection of the children at the schools are the same as in previous years. The three code groups—"Entrants," "Intermediates," and "Leavers," were inspected in all the forty-two departments of the twenty-one schools in the Borough. The total number of children inspected was 3,910, including 277 special cases. Details of this work are set out in Table I.

#### **5. FINDINGS OF ROUTINE MEDICAL INSPECTION—REVIEW OF THE FACTS DISCLOSED.**

Table II. gives details of the findings of routine medical inspection.

Without entering into a detailed discussion of these figures under their different heads, I wish to make one or two general observations.

The total number of defects found is large, but it must be remembered that many—the great majority—of these are of a slight degree and evanescent or easily remedied by simple treatment. For example, under the heading "Malnutrition," are included children who, though very thin and undersized, may be perfectly well and enjoying life. Then again the condition of "Enlarged Tonsils," so frequently noticed in the course of medical inspection, is compatible with perfect

health. It is indeed doubtful whether tonsillar enlargement in itself is a defect at all. Dental disease—often affecting temporary teeth—accounts for over 800 of these defects, and over 200 more are due to bronchitis and other temporary ailments of the chest found chiefly in the winter months.

It would be a great mistake therefore to assume from the figures of Table II. that the elementary schools of the Borough are pathological museums harbouring the diseased offspring of a degenerate race. The majority of the children are healthy. But it would be equally a mistake to assume that the general standard of health is as good as it ought to be. There is undoubtedly a large number of children who are suffering from more or less crippling defects and diseases, and who for reasons of health are incapable of benefiting from the education provided, or of enjoying their lives to the full. The discovery of these children is the object of routine medical inspection.

## 6. INFECTIOUS DISEASES.

In the Annual Health Report an account is given of an outbreak of an infectious disease resembling smallpox, but so universally benign in its effects as to be utterly unworthy of the name of that dread disease. The closeness of its relationship to smallpox is however shown by the fact that vaccination prevents the disease.

On the appearance of the disease, the public vaccinators, with the consent of the Education Committee, carried out large numbers of vaccinations in the schools of children whose parents were willing that they should be done.

## 7. FOLLOWING UP.

School Nurses, Health Visitors, Teachers, Attendance Officers and the Voluntary Workers of the Borough Welfare Committee co-operate in the work of following up, so that the great number of children suffering from defects receive treatment either from their private doctors, from the Hospital, or from the School Clinic.

## 8. MEDICAL TREATMENT.

Minor Ailments—including skin diseases, external eye diseases and discharging ears, are treated as before at the School Clinic daily, from 9.30 a.m. till noon.

Cases requiring throat operations are referred to their own doctors or the Royal Hospital. There is no special agreement between the Education Committee and the Royal Hospital and there is no payment. An agreement has been entered into in 1923 for the X-Ray treatment of scalp ringworm at the Royal Hospital at a cost of one and a half guineas per case.

The Eye Clinic for the remedying of defects of vision continues to be conducted once weekly at the School Clinic in Saltergate by Dr. T. E. Ashdown Carr.

The Dental Clinic, under Mr. A. Roydon Littlar, is open every forenoon, including Saturdays, and the work increases.

There is no Orthopædic Clinic. Children suffering from crippling defects are referred for treatment to the orthopædic department at the Royal Hospital.

## 9. OPEN-AIR EDUCATION.

Playground classes are held at every school. School journeys are undertaken, and a School Camp is held annually at Bamford in the Peak district. In addition to the boys whose camp expenses were partly paid by the Education Committee, twenty-one boys were sent by the Chesterfield Rotary Club.

A beginning has been made in open-air schools in the new semi-permanent buildings at Jawbones Hill, Derby Road (1923), and at Old Road (1924).

## 10. PHYSICAL TRAINING.

The question of the appointment of an organiser of physical exercises is under consideration by the Committee at present. The physical and MENTAL results of well organised and carefully supervised physical exercises and games cannot be over-estimated. I believe that, to a considerable extent, if we look after the children's bodies, their brains will look after themselves.

## 11. PROVISION OF MEALS.

No school meals have been provided since the settlement of the dispute in the coal mining industry in 1921.

## 12. SCHOOL BATHS.

The only swimming bath connected with elementary education in Chesterfield—that in the basement of the Central School—is used by children over eleven years from all the schools of the “Old Borough.” The visits number nearly 10,000 annually.



**13-16. CO-OPERATION OF PARENTS, TEACHERS,  
SCHOOL ATTENDANCE OFFICERS, AND  
VOLUNTARY WORKERS.**

There is nothing to add to what has been said in previous annual reports. The physical, mental and moral welfare of the children, their education and preparation for life, are matters upon which all good citizens are in complete accord, and provide ample opportunities for close co-operation between officials and voluntary social agencies.

**17. BLIND, DEAF, DEFECTIVE AND EPILEPTIC  
CHILDREN.**

**(a) Ascertainment.**

I commented in last year's report on the work involved in preparing an accurate census of defective children. The elementary school population of Chesterfield is so large that the work of routine medical inspection and the school clinic absorbs all the available time throughout the year. The special investigation of defectives—necessarily a slow process in any case—therefore makes slow progress. The figures brought up to date at the end of 1923 are given in Table III.

**(b) Special Schools.**

The Settlement continues to provide classes for a number of special children, twenty of whom made 810 attendances. Beyond this there is no special provision for defective children.

**18. NURSERY SCHOOLS.**

There are no Nursery Schools in the Borough of Chesterfield.

**19. SECONDARY SCHOOLS.**

**20. CONTINUATION SCHOOLS.**

Under the Education Committee of the County Council.

**21. EMPLOYMENT OF CHILDREN AND YOUNG PERSONS.**

**22. SPECIAL ENQUIRIES.**

**23. MISCELLANEOUS.**

There is nothing to add under these heads.

TABLE I.—RETURN OF MEDICAL INSPECTIONS.

## A.—ROUTINE MEDICAL INSPECTIONS.

Number of Code Group Inspections—

Entrants	...	...	...	724
Intermediates	...	...	...	1071
Leavers	...	...	...	784
Total	...	...	...	<hr/> 2579 <hr/>

Number of other Routine Inspections

1054

## B.—OTHER INSPECTIONS.

Number of Special Inspections...	277
Number of Re-inspections	173
Total	<hr/> 450 <hr/>



TABLE II.

RETURN OF DEFECTS FOUND IN THE COURSE  
OF MEDICAL INSPECTION IN THE YEAR  
ENDED 31ST DECEMBER, 1923.

				Routine Inspections.		Special Inspections.	
				No. of Defects.		No. of Defects.	
Defect or Disease.				Requiring treatment.	Requiring to be kept under observation, but not requiring treat- ment.	Requiring treatment.	Requiring to be kept under observation, but not requiring treat- ment.
(1)				(2)	(3)	(4)	(5)
Skin	Malnutrition ...	...	...	105	—	88	7
	Uncleanliness ...	...	...	702	—	119	—
	Ringworm ...	...	...	...	...	...	...
	Scalp ...	...	...	12	—	42	—
	Body ...	...	...	—	—	30	—
	Seabies ...	...	...	12	—	15	—
	Impetigo ...	...	...	66	—	80	—
	Other Diseases (non-tubercular) ...	...	...	55	13	24	—
	Blepharitis ...	...	...	129	—	66	—
	Conjunctivitis ...	...	...	10	—	21	—
Eye	Keratitis ...	...	...	1	—	12	—
	Corneal Opacities ...	...	...	2	1	6	1
	Defective Vision (excluding squint) ...	...	...	64	1	103	4
	Squint ...	...	...	32	12	16	—
	Other Conditions ...	...	...	5	12	6	—
Ear	Defective Hearing ...	...	...	21	—	13	—
	Otitis Media... ..	...	...	42	—	60	—
	Other Ear Diseases... ..	...	...	—	—	2	—
Nose and Throat	Enlarged Tonsils ...	...	...	—	581	23	48
	Adenoids ...	...	...	—	14	1	1
	Enlarged Tonsils & Adenoids	...	...	—	—	—	1
	Other Conditions ...	...	...	1	26	—	9
Enlarged Cervical Glands (non-tubercular)				—	50	—	4
Defective Speech ...				—	6	—	11
Teeth—Dental Diseases ...				850	—	12	—
Heart and Circulation	Heart Disease— Organic ...	...	...	—	82	5	2
	Functional ...	...	...	—	—	—	—
	Anæmia ...	...	...	—	36	—	7
Totals carried forward ...				2109	834	744	95

TABLE II.—Continued.

(1)				(2)	(3)	(4)	(5)
Totals brought forward ... ..				2109	834	744	95
Lungs	{	Bronchitis ... ..	...	67	—	19	1
		Other non-tubercular diseases ... ..	...	165	—	—	1
		Pulmonary—					
Tuberculosis	{	Definite ... ..	...	—	—	—	—
		Suspected ... ..	...	—	—	3	—
		Non-Pulmonary—					
		Glands ... ..	...	—	2	1	—
		Spine ... ..	...	—	—	—	—
		Hip ... ..	...	—	—	—	—
		Other bones and joints	...	—	—	—	—
		Skin ... ..	...	—	—	—	—
Nervous System	{	Other Forms ... ..	...	—	3	—	—
		Epilepsy ... ..	...	—	—	—	—
		Chorea ... ..	...	—	1	—	—
Deformities	{	Other conditions ... ..	...	—	5	10	2
		Rickets ... ..	...	—	15	—	7
		Spinal Curvature ... ..	...	—	3	—	—
Other forms ... ..				—	10	2	10
Other Defects and Diseases ... ..				—	121	203	66
Totals ... ..				2341	994	982	182

B.—NUMBER OF INDIVIDUAL CHILDREN FOUND AT ROUTINE MEDICAL INSPECTION TO REQUIRE TREATMENT (EXCLUDING UNCLEANLINESS & DENTAL DISEASES).

Group.  (1)	Number of Children.		Percentage of children found to require treatment.  (4)
	Inspected.  (2)	Found to require treatment.  (3)	
Code Groups—			
Entrants ... ..	1232	148	12
Intermediates ... ..	1071	150	14
Leavers ... ..	1055	106	10
Total (code groups)... ..	3358	404	12
Other routine inspections ...	275	20	7

TABLE III.  
RETURN OF ALL EXCEPTIONAL CHILDREN  
IN THE AREA.

		Boys.	Girls.	Total.
Blind (including partially blind)—				
(1) Suitable for training in a School or Class for the totally blind.	(Attending Certified Schools or Classes for the Blind ...	—	1	1
	(Attending Public Elementary Schools ... ..	—	—	—
	(At other Institutions ... ..	—	—	—
	(At no School or Institution ...	—	—	—
(2) Suitable for training in a School or Class for the partially blind.	(Attending Certified Schools or Classes for the Blind ...	—	—	—
	(Attending Public Elementary Schools ... ..	1	3	4
	(At other Institutions ... ..	1	2	3
	(At no School or Institution ...	—	—	—
Deaf (including deaf and dumb and partially deaf)—				
(1) Suitable for training in a School or Class for the totally deaf or deaf and dumb.	(Attending Certified Schools or Classes for the Deaf... ..	2	1	3
	(Attending Public Elementary Schools ... ..	1	—	1
	(At other Institutions ... ..	—	—	—
	(At no School or Institution ...	—	1	1
(2) Suitable for training in a School or Class for the partially deaf.	(Attending Certified Schools or Classes for the Deaf... ..	—	—	—
	(Attending Public Elementary Schools ... ..	—	—	—
	(At other Institutions ... ..	1	1	2
	(At no School or Institution ...	—	—	—
Mentally Defective—				
Feeble-minded (cases not notifiable to the Local Control Authority).	(Attending Certified Schools for Mentally Defective Children .	—	—	—
	(Attending Public Elementary Schools ... ..	64	52	116
	(At other Institutions ... ..	—	—	—
	(At no School or Institution ...	*	*	*
Notified to the Local Control Authority during the year.	Feeble-minded ... ..	—	—	—
	Imbeciles ... ..	—	—	—
	Idiots ... ..	—	—	—
Epileptics—				
Suffering from Severe Epilepsy.	(Attending Certified Special Schools for Epileptics ...	—	—	—
	(In Institutions other than Certified Special Schools ...	—	1	1
	(Attending Public Elementary Schools ... ..	7	8	15
	(At no School or Institution ...	2	3	5

TABLE III.—Continued.

		Boys.	Girls	Total.
Suffering from Epilepsy which is not severe	Attending Public Elementary Schools ... ..	—	—	—
	At no School or Institution ...	—	—	—
Physically Defective—				
Infectious pulmonary and glandular tubercu- losis.	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board ... ..	—	—	—
	At other Institutions ... ..	—	—	—
	At no School or Institution ...	—	1	1
Non-infections but ac- tive pulmonary and glandular tubercu- losis.	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board ... ..	—	—	—
	At Certified Residential Open- Air Schools ... ..	—	—	—
	At Certified Day Open-Air Schools ... ..	—	—	—
	At Public Elementary Schools...	3	3	6
	At other Institutions ... ..	—	—	—
	At no School or Institution ...	—	1	1
Delicate Children ( <i>e.g.</i> , pre- or latent tuber- culosis, malnutri- tion, debility, an- æmia, etc.)	At Certified Residential Open- Air Schools ... ..	—	—	—
	At Certified Day Open-Air Schools ... ..	—	—	—
	At Public Elementary Schools...	26	21	47
	At other Institutions ... ..	3	2	5
	At no School or Institution ...	*	*	*
Active Non-Pulmonary Tuberculosis.	At Sanatoria or Hospital Schools approved by the Min- istry of Health or the Board	—	—	—
	At Public Elementary Schools...	2	1	3
	At other Institutions ... ..	—	—	—
	At no School or Institution ...	*	*	*
Crippled Children (other than those with active tuber- culous disease) <i>e.g.</i> children suffering from paralysis, etc. and including those with severe heart disease.	At Certified Hospital Schools...	—	—	—
	At Certified Residential Cripple Schools ... ..	—	—	—
	At Certified Day Cripple Schools	—	—	—
	At Public Elementary Schools...	22	14	36
	At other Institutions ... ..	1*	2*	3*
	At no School or Institution ...	2	2	4

\* Accurate figures are not available with reference to mentally and physically defective children at no school or institution. Steps are being taken during this year to obtain a more accurate return under this heading.

TABLE IV.—RETURN OF DEFECTS TREATED  
DURING THE YEAR ENDED 31st DEC., 1923.  
TREATMENT TABLE.

GROUP 1.—MINOR AILMENTS (excluding Uncleanli-  
ness, for which see Group V.)

Disease or Defect.  (1)	Number of Defects treated or under treatment during the year.		
	Under the Authority's Scheme.  (2)	Otherwise.  (3)	Total.  (4)
Skin—			
Ringworm—Scalp ... ..	10	—	10
Ringworm—Body ... ..	22	—	22
Scabies ... ..	—	—	—
Impetigo ... ..	234	—	234
Other Skin Disease ... ..	112	—	112
Minor Eye Defects (external and other, but excluding cases falling in Group 2) ... ..	59	—	59
Minor Ear Defects ... ..	73	—	73
Miscellaneous ( <i>e.g.</i> minor in- juries, bruises, sores, chil- blains, etc.)... ..	270	—	270
Total ... ..	780	—	780

TABLE IV.—Continued.

GROUP 2.—DEFECTIVE VISION & SQUINT (excluding Minor Eye Defects treated as Minor Ailments, Group I).

Defect or Disease.	Number of defects dealt with.			
	Under the Authority's scheme.	Submitted to refraction by Private Practitioner or at Hospital apart from the Authority's scheme.	Otherwise.	Total.
(1)	(2)	(3)	(4)	(5)
Errors of Refraction (including Squint) ... ..	323	—	—	323
Other Defect or Disease of the Eyes (excluding those recorded in Group 1) ... ..	—	—	—	—
Total ... ..	323	—	—	323

Total number of children for whom spectacles were prescribed :

(a) Under the Authority's Scheme... 187

(b) Otherwise ... .. —

Total number of children who obtained or received spectacles :

(a) Under the Authority's Scheme... 162

(b) Otherwise ... .. —

TABLE IV.—Continued.

GROUP 3.—TREATMENT OF DEFECTS OF NOSE  
AND THROAT.

Number of Defects.				
Received Operative Treatment.			Received other forms of treatment.	Total Number treated.
Under the Authority's Scheme, in Clinic or Hos- pital.	By Private Practitioner or Hospital apart from the Authority's Scheme.	Total.		
(1)	(2)	(3)	(4)	(5)
—	15	15	—	15

## GROUP 4.—DENTAL DEFECTS.

(1) Number of children who were :—

(a) Inspected by the Dentist :

Routine Age Groups.

Aged :	5	...	—
	6	...	—
	7	...	71
	8	...	260
	9	...	585
	10	...	860
	11	...	709
	12	...	559
	13	...	401
	14	...	116

	Total	3561
Specials	...	22

Grand Total 3583

(b) Found to require Treatment... 2686

(c) Actually Treated ... 1967

(d) Re-treated during the year as  
the result of periodical ex-  
amination ... 127

(2) Half days devoted to—

Inspection	...	24
Treatment	...	225

Total ... 249



TABLE IV.—Continued.

(3) Attendances made by Children for treatment	...	...	2056
(4) Fillings—			
Permanent Teeth	...	...	772
Temporary Teeth	...	...	33
Total	...	...	805
(5) Extractions—			
Permanent Teeth	...	...	436
Temporary Teeth	...	...	2916
Total	...	...	3352
(6) Administrations of General Anæsthetics for Extractions	...		63
(7) Other Operations—			
Permanent Teeth	...	...	386
Temporary Teeth	...	...	153
Total	...	...	539

#### GROUP 5.—UNCLEANLINESS AND VERMINOUS CONDITIONS.

(1) Average number of visits per school made during the year by the School Nurses...	4
(2) Total number of examinations of children in the schools by School Nurses	31,481
(3) Number of individual children found unclean	4,707
(4) Number of Children cleansed under arrangements made by the Local Education Authority	—
(5) Number of cases in which legal proceedings were taken:	
(a) Under the Education Act, 1921	—
(b) Under School Attendance Bye-laws	—

# SUPPLEMENTARY TABLE A.

## GIRLS.

CHESTERFIELD, 1923 and 1922.				DERBYSHIRE, 1915.				ENGLAND and WALES 800,000 Average of Observations.		
No. Examined.	Age.	Av. Height in inches, 1923. 1922.	Av. Weight in lbs. 1923. 1922.	No. Examined.	Age.	Height.	Weight.	Age.	Height.	Weight.
55	4	39.48	35.93	543	4	37.45	34.69	4	38.38	34.98
318	5	41.8	35.24	3247	5	40.05	37.18	5	40.44	37.74
418	8	47.74	50.07	4781	8	47.53	51.55	8	46.94	49.55
347	12	55.69	73.24	3266	12	55.45	77.32	12	55.48	73.86
113	13	59.19	78.66	312	13	56.37	79.35	13	56.81	80.37

## BOYS.

66	4	39.77	39.32	36.66	36.88	585	4	39.27	36.84	4	38.63	35.77
296	5	41.65	40.76	39.91	38.88	3206	5	41.41	38.62	5	40.68	38.68
477	8	48.11	46.92	52.11	50.45	4825	8	48.24	52.55	8	47.39	52.0
253	12	55.03	54.54	71.49	69.11	3525	12	54.87	71.42	12	54.88	72.66
117	13	55.94	56.0	76.14	74.63	338	13	55.46	73.21	13	56.07	77.4

SUPPLEMENTARY TABLE B.  
DEFECTS IN VISION.

SCHOOL.	Number Examined.	Vision Normal.	$\frac{a}{12}$	$\frac{1a}{12}$	$\frac{12a}{4}$	$\frac{a}{36}$	$\frac{5a}{60}$	Blind.	Total Defective.	Percentage Defective.
Central ... ..	193	172	12	3	3	3	...	...	21	10.8
Derby Road ... ..	149	136	10	2	1	...	...	...	13	8.7
New Whittington ... ..	112	100	7	2	3	...	...	...	12	10.7
Brushes ... ..	26	26	...	...	...	...	...	...	...	...
Newbold C. of E. ... ..	37	29	4	1	...	1	2	...	8	21.6
St. Thomas' ... ..	27	26	...	...	...	...	1	...	1	3.7
Spital ... ..	...	...	...	...	...	...	...	...	...	...
Whittington Moor ... ..	165	151	11	1	...	...	2	...	14	8.4
Hasland Eyre Street ... ..	99	91	5	2	...	...	1	...	8	8.0
Old Whittington ... ..	95	83	5	3	3	1	...	...	12	12.6
St. Helen's ... ..	97	88	4	1	2	2	...	...	9	9.2
Hasland C. of E. ... ..	52	44	3	1	2	...	2	...	8	15.3
Edmund Street... ..	81	72	6	...	2	1	...	...	9	11.1
Newbold Moor ... ..	131	110	12	4	3	1	1	...	21	16.0
Brampton ... ..	149	134	6	4	3	1	1	...	15	10.0
Old Road ... ..	91	81	7	2	1	...	...	...	10	10.9
Victoria ... ..	55	43	8	3	1	...	...	...	12	21.8
Soresby Street ... ..	45	37	6	1	...	...	1	...	8	17.7
Christ Church ... ..	47	35	6	4	...	2	...	...	12	25.5
St. Mary's ... ..	67	54	7	4	1	1	...	...	13	19.4
Hipper Street ... ..	148	128	10	5	2	...	3	...	20	13.4
Totals ... ..	1866	1640	129	43	27	13	14	...	226	12.1

SUPPLEMENTARY TABLE C.  
CASES ATTENDING THE CLINIC.

DISEASES.	No. of Cases.		No. of Attendances.	
	1923	1922	1923	1922
<b>Contagious Diseases.</b>				
Ringworm ... ..	72	65	141	121
Impetigo ... ..	68	80	106	119
Other ... ..	34	34	68	62
<b>Tubercular Diseases.</b>				
Pulmonary ... ..	13	12	19	33
Other ... ..	9	3	20	9
<b>Infectious Diseases.</b>				
Sore Throat ... ..	16	22	21	31
Other ... ..	22	27	28	53
<b>Nervous Diseases</b> ... ..	10	14	13	26
<b>Diseases of Circulation</b> ... ..	5	13	10	22
<b>Diseases of the Eye</b> ... ..	143	140	213	210
<b>Diseases of the Ear</b> ... ..	51	38	57	43
<b>Deformities</b> ... ..	4	3	6	15
<b>Other Skin Diseases</b> ... ..	119	115	172	131
<b>Miscellaneous.</b>				
Debility ... ..	88	72	132	109
Bronchitis ... ..	19	10	32	15
Unclean Head ... ..	81	83	132	110
Rheumatism ... ..	6	3	9	4
Other ... ..	406	255	430	301
<b>TOTALS</b> ... ..	<b>1166</b>	<b>989</b>	<b>1609</b>	<b>1414</b>

SUPPLEMENTARY TABLE D.  
INFECTIOUS DISEASES NOTIFIED BY SCHOOL  
TEACHERS AND ATTENDANCE OFFICERS.

SCHOOL.	Measles.	Scarlet Fever.	Chicken Pox.	Mumps.	Whooping Cough.	Diphtheria.	Scabies.	Total.
Central ... ..	...	...	...	...	...	...	...	...
Derby Road ... ..	...	...	...	...	...	...	...	...
New Whittington ...	109	...	5	...	5	...	...	119
Brushes ... ..	58	...	...	...	14	...	3	75
Newbold C. of E. ...	32	...	1	...	...	...	...	33
St. Thomas' ... ..	...	...	27	...	10	...	...	37
Spital ... ..	4	...	...	...	9	...	1	14
Whittington Moor ...	10	...	...	...	...	...	...	10
Hasland C. of E. ...	...	...	...	...	...	...	...	...
Old Whittington ...	60	1	3	5	19	...	...	88
St. Helen's ... ..	54	...	...	...	...	...	...	54
Hasland Eyre Street ...	22	...	1	...	33	...	...	56
Edmund Street... ..	20	...	...	...	2	...	...	22
Newbold Moor ... ..	5	...	...	1	1	...	...	7
Brampton ... ..	31	2	1	...	...	...	...	34
Old Road ... ..	44	...	12	...	2	...	...	58
Victoria ... ..	2	1	7	...	1	...	...	11
Soresby Street ... ..	...	...	...	...	...	...	...	...
Christ Church ... ..	21	...	4	...	...	...	...	25
St. Mary's ... ..	79	1	6	4	5	...	...	95
Hipper Street ... ..	10	...	...	...	...	...	...	10
Totals ... ..	561	5	67	10	101	..	4	748

## SUPPLEMENTARY TABLE E.

INTELLIGENCE OF CHILDREN.—VERY SUPERIOR, SUPERIOR, AVERAGE, INFERIOR, AND VERY INFERIOR, AS ESTIMATED BY THE TEACHERS.

[illegible]







